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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/956,961	09/21/2001	Yutaka Endo	0965-0372P	2395

2292 7590 03/17/2003

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EXAMINER

CRENSHAW, MARVIN P

ART UNIT PAPER NUMBER

2854

DATE MAILED: 03/17/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application N .

09/956,961

Applicant(s)

ENDO ET AL.

Examiner

Marvin P. Crenshaw

Art Unit

2854

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 21 September 2001.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-16 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-3, 11, 15 and 16 is/are rejected.
- 7) ☒ Claim(s) 4-10 and 12- 14 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 21 September 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 5.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other:

DETAILED ACTION

Claim Objections

Claim 12 recites the limitation "said correcting means side" in line 4. There is insufficient antecedent basis for this limitation in the claim.

Claim 13 recites the limitation "said frame side" in line 3. There is insufficient antecedent basis for this limitation in the claim.

Claim 13 recites the limitation "said correcting means side" in line 4. There is insufficient antecedent basis for this limitation in the claim.

Claim Rejections - 35 USC § 112

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claim 6 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. The limitation of having an "inspection means side" in line 4 is unclear to the Examiner. Appropriate correction is required.

Allowable Subject Matter

Claims 4-10, and 12-14 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

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With respect to claim 4, the prior art does not teach or render obvious the total combination as claimed including the printing quality inspection apparatus having the working position is inside said frame and said maintenance position is outside said frame.

With respect to claim 5, the prior art does not teach or render obvious the total combination as claimed including a printing quality inspection apparatus having an inspection means including a rotatably provided support roller and a guide for guiding between said working position and said maintenance position of said inspection means.

With respect to claim 12, the prior art does not teach or render obvious the total combination as claimed including a printing quality inspection apparatus having a corrector moving means includes a roller provided at a correcting means side and a guide provided inside of said frame for guiding the moving of said correcting means.

As allowable subject matter has been indicated, applicant's reply must either comply with all formal requirements or specifically traverse each requirement not complied with. See 37 CFR 1.111(b) and MPEP § 707.07(a).

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for a patent.

Claims 1-3,11,15 and 16 are rejected under 35 U.S.C. 102(b) as being anticipated by Kouichi (Publication 06-238867).

Kouichi teaches a printing quality inspection apparatus (Fig. 2) comprising an inspection (232) means for inspecting the printing quality of printed sheet-like object and inspection moving (188 and 190) means for moving said inspection means between a working position for inspecting a printing quality of the printed sheet-like object and a maintenance position for maintaining said inspection means.

With respect to claim 2, Kouichi teaches a printing quality inspection apparatus comprising a correcting means (14) for correcting the position of printed sheet-like object, inspection means (232) disposed inside a frame for inspecting a printing quality of the sheet-like object corrected of position by said correcting means and moving means (188 and 190) for moving at least one of said correcting means and said inspection means to a maintenance position for maintaining.

With respect to claim 3, Kouichi teaches a printing quality inspection apparatus having a moving means (196) is inspection moving means for moving said inspection means between said working position for inspecting the printing quality of printed sheet-like object and said maintenance position.

With respect to claim 11, Kouichi teaches a printing quality inspection apparatus having a moving means (196) is corrector moving means for moving said correcting means between said working position for inspecting the position of printed sheet-like object and said maintenance position.

With respect to claim 15, Kouichi teaches a printing quality inspection apparatus (Fig. 2) having a maintenance position includes an inspection means maintenance position for maintaining said inspection means and a correcting means maintenance position for maintaining said correcting means and said moving means includes corrector moving means for moving said correcting means between said correcting position for correcting said position of printed sheet-like object and said correcting means maintenance position and inspection moving means for moving said inspection means between said inspecting position for inspecting the printing quality of printed sheet-like object and the inspection means maintenance position.

With respect to claim 16, Kouichi teaches a printing quality inspection apparatus where a moving direction of said inspection means by said inspection moving means and the moving direction of said correcting means by said corrector moving means are different (See, page 4).

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Marvin P. Crenshaw whose telephone number is (703) 308-0797. The examiner can normally be reached on Monday - Friday 7:00-4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Andrew Hirshfeld can be reached on (703) 305-6619. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 308-7722 for regular communications and (703) 308-7724 for After Final communications.

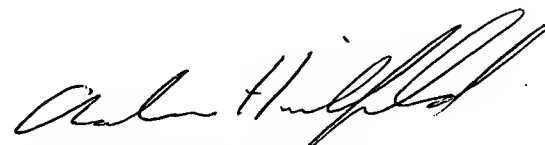
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Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-0956.

A handwritten signature in black ink, appearing to be 'MPC', written in a cursive style.

MPC
March 10, 2003

A handwritten signature in black ink, appearing to be 'Andrew H. Hirshfeld', written in a cursive style.

ANDREW H. HIRSHFELD
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2800